

CLAIMS

1. A camshaft drive for an engine comprising:
a crankshaft sprocket;
large and small camshaft sprockets in coaxial relationship with each other, and fixedly connected to each other for rotation together about a first axis;
a third camshaft sprocket, spaced laterally from said large and small camshaft sprockets, and rotatable about a second axis parallel to said first axis;
a driving chain wrapped around the crankshaft sprocket and said large camshaft sprocket, for transmitting rotational power from the crankshaft sprocket to said large camshaft sprocket; and
a driven chain wrapped around said small camshaft sprocket and said third camshaft sprocket, for transmitting rotational power from said small camshaft sprocket to said third camshaft sprocket;
wherein the strength of said driven chain is less than the strength of said driving chain.
2. A camshaft drive according to claim 1, in which the pitch of said driven chain is smaller than the pitch of said driving chain.